SEQUENCE LISTING

<110> Thilly, William G.

<120> Methods of Identifying Point Mutations
in a Genome

<130> 2909.1000-004

<140> 09/503,758
<141> 2000-02-14

<150> PCT/US99/29379
<151> 1999-12-09

<150> US 60/111,457
<151> 1998-12-09

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 6
<212> DNA
<213> Homo sapiens

<400> 1
gtcgca

<210> 2
<211> 6
<212> DNA
<213> Homo sapiens

<400> 2
gttgca

6

<210> 3
<211> 78
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic DNA/RNA chimera

<221> modified_base
<222> (17)...(17)
<223> 2'-0-methyl adenosine

<221> modified_base
<222> (18)...(18)
<223> gm

```
<221> modified_base
<222> (19)...(20)
<223> cm

<221> modified_base
<222> (21)...(21)
<223> 2'-0-methyl adenosine

<221> modified_base
<222> (22)...(22)
<223> gm

<221> modified_base
<222> (23)...(23)
<223> cm

<221> modified_base
<222> (24)...(24)
<223> um

<221> modified_base
<222> (25)...(26)
<223> gm

<221> modified_base
<222> (32)...(32)
<223> 2'-0-methyl adenosine

<221> modified_base
<222> (33)...(33)
<223> gm

<221> modified_base
<222> (34)...(37)
<223> 2'-0-methyl adenosine

<221> modified_base
<222> (38)...(39)
<223> cm

<221> modified_base
<222> (40)...(40)
<223> um

<221> modified_base
<222> (41)...(41)
<223> gm

<223> (1)...(16), (27)...(31), (42)...(78) DNA

<223> (17)...(26), (32)...(41) 2'-0-methyl RNA
```

a'
cont

<400> 3

gggagctttt gctcccagcc agcuggccta gagaaaaccu gaaggttttc cttcaggttt   60
tctctaggcc agctggct   78